

PERMIT APPLICATION: NRS #04-281

APPLICANT: Charles H. Gibbons
905 Walnut Bend
Arlington, TN 38002
(901) 867-9479

LOCATION: Pond Creek at Clouds Corner Road (Old Mound Road); Crockett County.

WATERSHED DESCRIPTION: Pond Creek is in the North Fork of the Forked Deer Watershed. It is on the 303 (d) list. The pollutant source is nonirrigated agriculture and channelization. Surrounding land use is primarily agriculture. Wetlands to be impacted are scrub-shrub.

PROJECT DESCRIPTION: The applicant proposes to construct a levee adjacent to Clouds Corner Road and tie into an existing levee. The proposed levee will be 300' x 30' x 15' with 2:1 slopes. Approximately 5000 cubic yards of material will be excavated from the existing borrow ditches that parallel Old Mound Road. Approximately 0.2 acres of scrub-shrub wetland will be impacted. Compensatory wetland mitigation will occur onsite with the planting of 150 trees of 2-3 species of wet oaks in a 0.4 acre prior converted cropland.

PERMIT COORDINATOR: Mike Lee

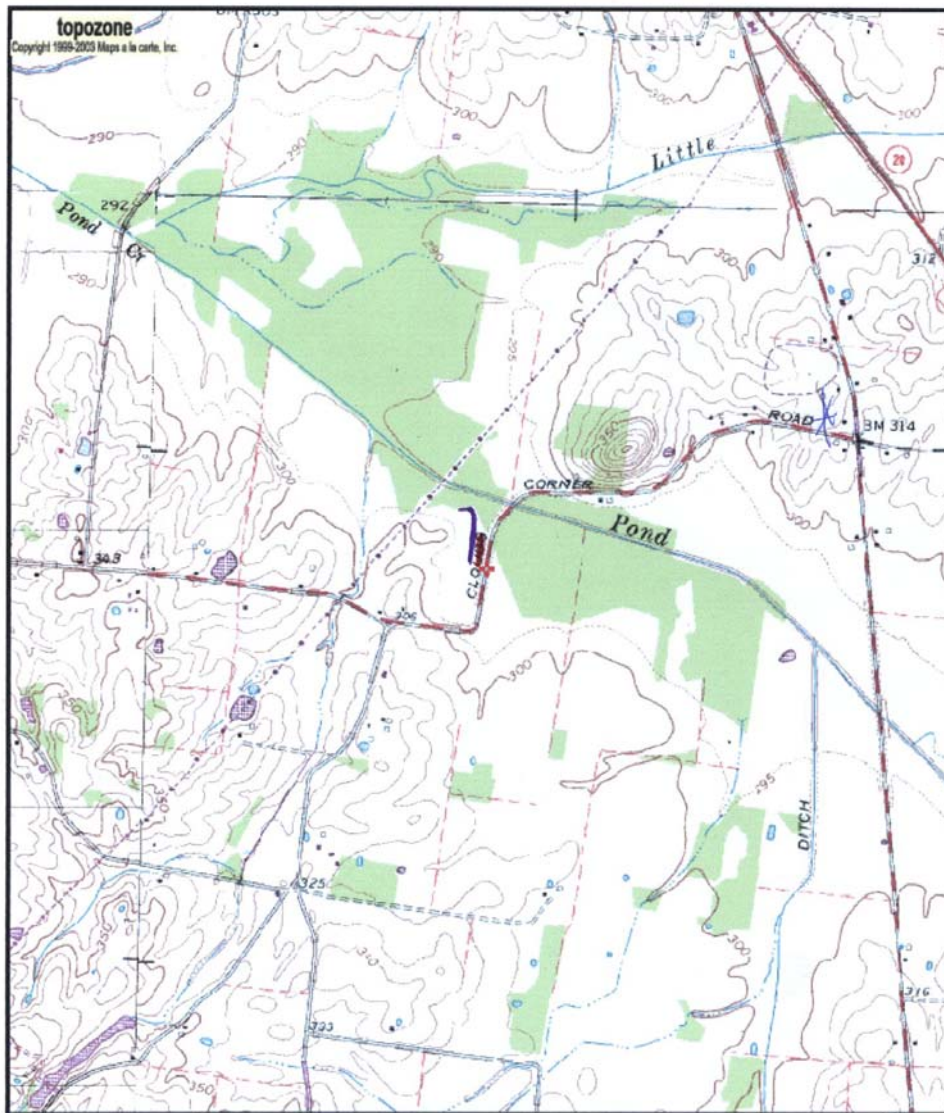
TOPOGRAPHICAL QUADRANGLE: Maury City 429 – SW

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TopoZone - The Web's Topographic Map

* Clouds Corner Rd. is
Old Hound Rd.

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— location of
300' levee

— location of
mitigation area

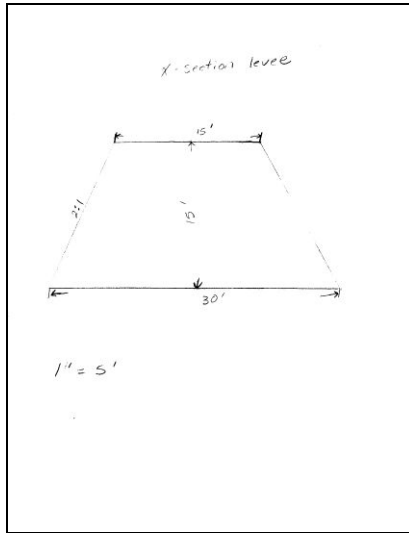
Map center is 35.8633°N, 89.2367°W (WGS84/NAD83)

Maury City quadrangle

Projection is UTM Zone 16 NAD83 Datum

M=-0.679
G=-1.311

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1. Construct a 300' X 30' levee through scrub-shrub/woody wetlands to protect a crop. Levee will tie into an existing levee and parallel Old Mound Road. Material to construct the levee will be excavated from existing borrow ditches. U.S. Army Corps of Engineers, Memphis District, has authorized the project in accordance with the terms and conditions of NW Permit 40 pending issuance of an ARAP from the State of Tennessee.

2. See attached.

3. See attached.

- N/A
- construct 300' X 30' X 15' earthen levee with 2:1 slopes
- 5000 c.y. of material will be excavated from existing borrow ditches that parallel Old Mound Road and borders fringe of existing field.
- area approximately 300' X 30' will be cleared for placement or construction of levee.
- bulldoze 300' X 30' swath: working from within cleared area, material will then be excavated from existing borrow ditches.
- after construction, levee will be sown with winter wheat or winter rye (if constructed in October). Natural vegetation will be allowed to come up and vegetate the levee the following spring and summer.
- none

mitigation for loss to isolated wetlands proposed to restore 0.4 - 0.5 acres of Cnegr
convert cropland to wetland by discontinuing on-going farming and planting bottomland trees. One
hundred fifty trees will be planted no later than mid-April of 2005. Trees will be obtained from Pinson
Mounds Nursery (or private nursery) and will consist of 2-3 species of bottomland oaks, hickories and/or
ash. Dimensions of the mitigation site will be approximately 750' X 25' and it will parallel the
edge of the field adjacent to the area where levee will be constructed (see attached map).

* prior converted wetland designation per Gary Todd, Soil
Conservationist, Crockett Co. NRCS.

